

Figure 1: High density optical data storage working principle (see text)

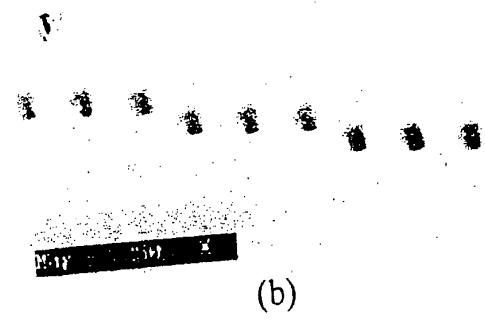
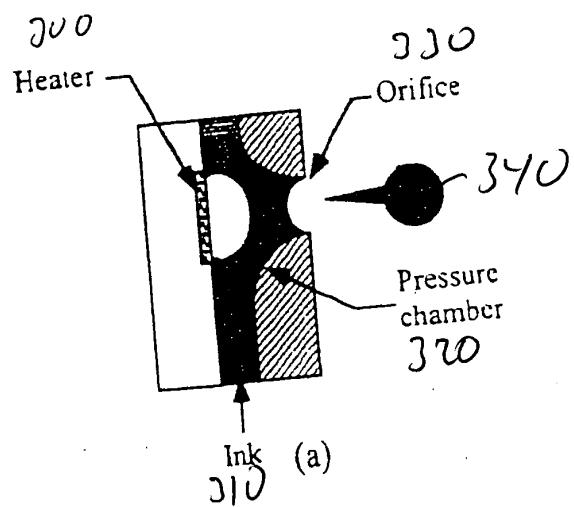


Figure 4. a) bubble inkjet technology b) array of nozzles

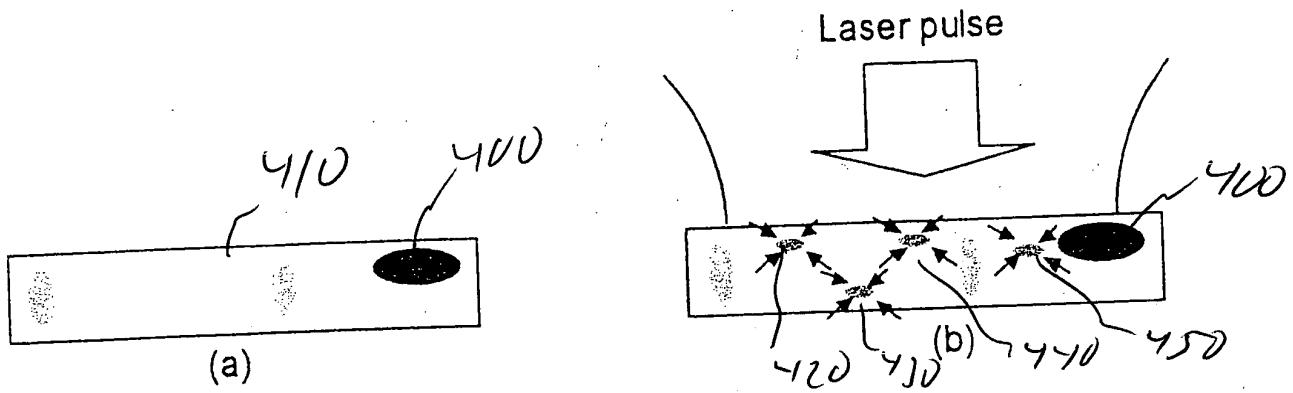


Figure 5 : a) Metallic nanoparticles embedded in a matrix b) particle size shaping with laser pulses.

3A

3B

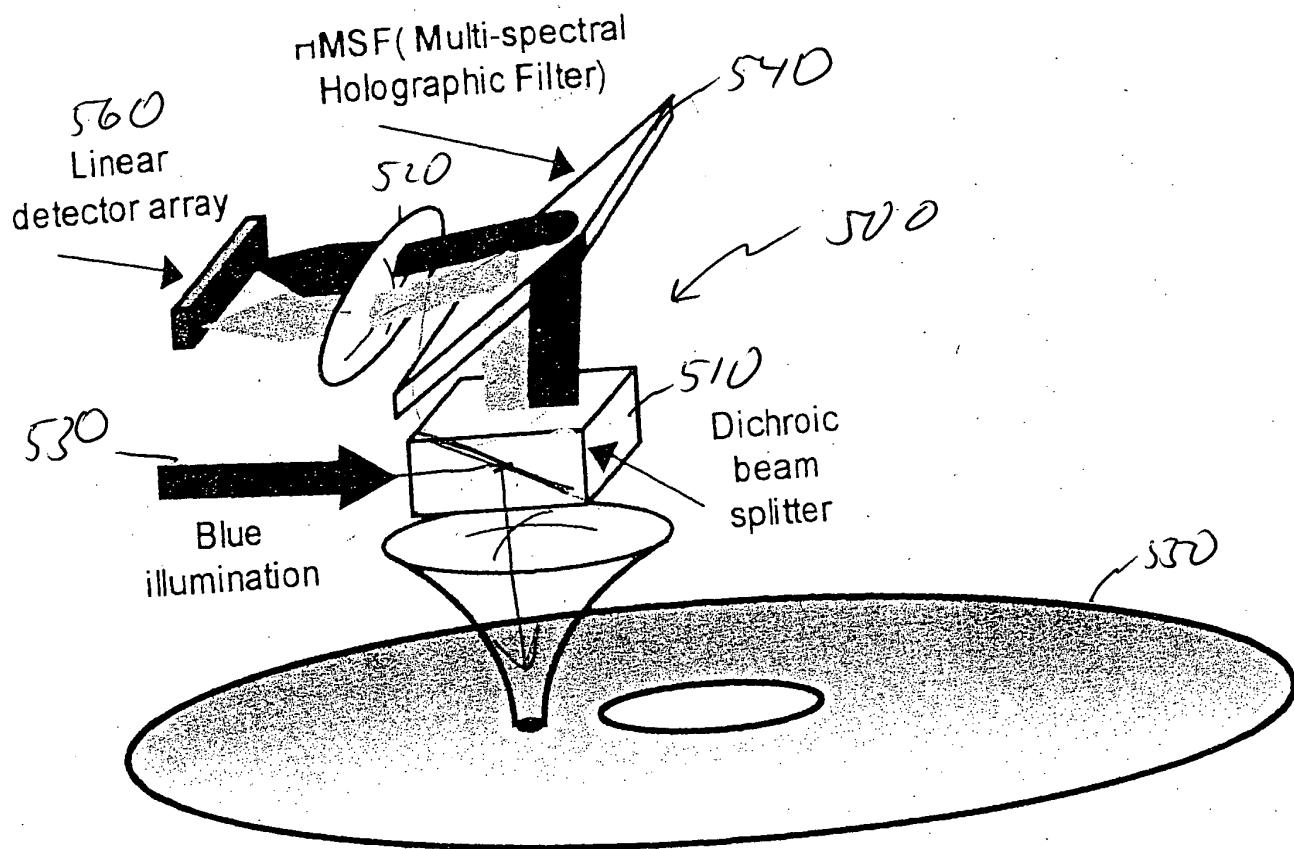


Figure 8: Read-out head comprising a holographic multi-spectral filter (HMSF) for compactness and large spectral range (450-1160 nm)

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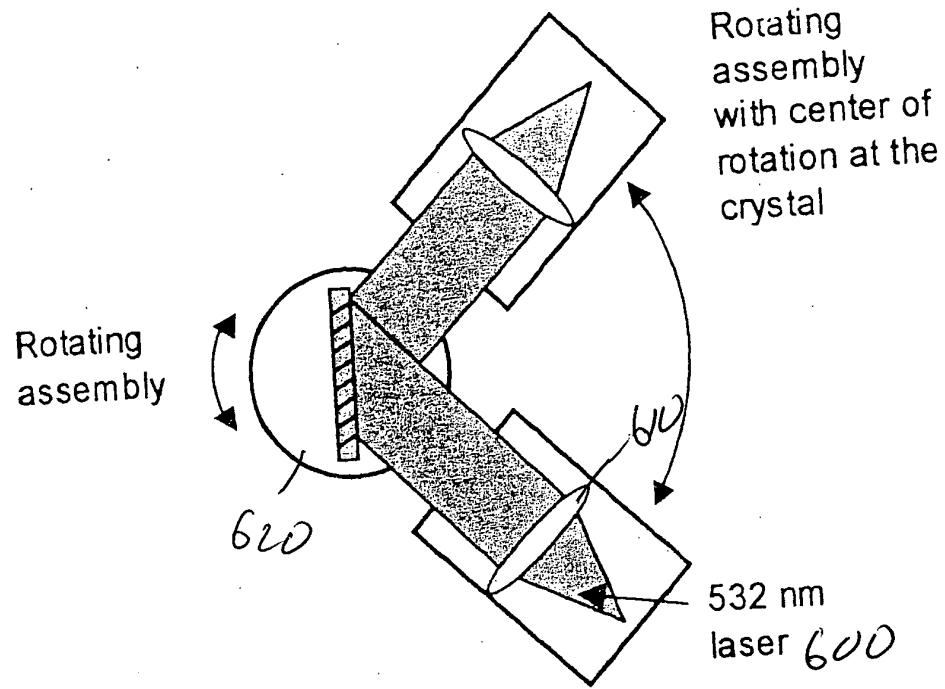


Figure 9: Recording of the HMSF.

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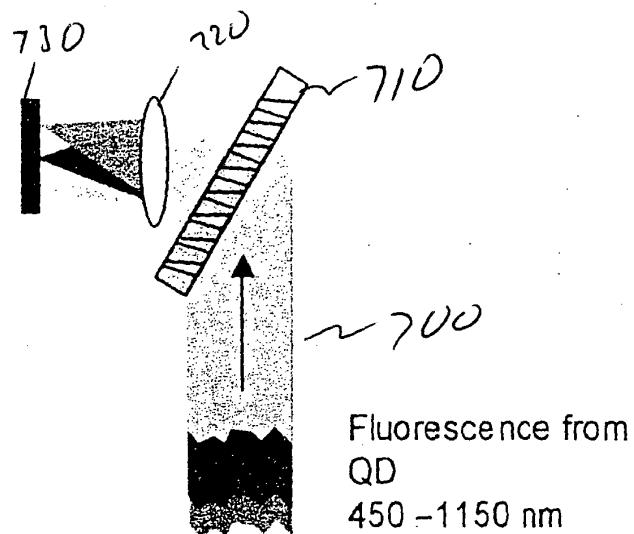


Figure 7: Read-out head comprising a Holographic Microscopic Surface File for compactness and extended range.

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